

MSP Mandal'
SHRI SHIVAJI COLLEGE PARBHANI.
 DEPARTMENT OF CHEMISTRY & ANALYTICAL CHEMISTRY
**LIST OF EQUIPMENTS TO BE PERCHASED UNDER DBT-STAR
 SCHEME**

Sr. No.	Name of Item
1	Abbe refractometer(Manual) Refractive indes ND: 1.3000-1.7000, sugar solution quqlity dipertion (Brix) : 0 to 95% Brix Accuracy +or - 0.0002 nD. Dimention 200*100*240 mm Manufacuturer Aczet
2	High pricission balance Capacity Max. 220gm/Minimum 0.001g Manufacturere Wensar
3	Hot plate round laborotary type top body made of cast iron and bottom body made of mild steel powder coated. Max. surface tem. 300oC size in inch ; 8" Dia, Rating 1200W Thermostatic control, Manufacturer Biotechic
4	Melting point appartus useful for the determination of melting point of any substance upto 300oC. It consiast with alluminum cylendrical blodk for heating and radial hole for themometer and glass capillary Watts 35 Manufacturere Biotechnc
5	Ultra-violet inspection cabinate (UV Cabinet) usful for viewing paper and thin layer chromatograms G. I. epoxy powder coated cabinet. With enclosed long, short wave and white source. Size three tubes. Manufacturer Biotechnic
6	Digipol Digital polarimeter microprocessor based with eltronic sensor for accuracy and repeatability. With 10cms and 20 cms unbreackable PVC tube. Manufaturer Equiptronics
7	Digital conductivity meter with cell (1.00 CC)
8	Digital photoelectric colorimeter
9	Digital Potentiometer
10	Flame photometer microcontroler based automation easy operation. Determination upto two elements with single aspiration (Na, K). Curve fitting correction for non linear emission charecteristics of elements at higher concentration, max. 5 point calibration. storing facility for setups and results. Manufacturere Systronics Code 128
11	Heating mantal 500ml

MSP Mandal'
SHRI SHIVAJI COLLEGE PARBHANI.
DEPARTMENT OF PHYSICS-ELECTRONICS
LIST OF INSTRUMENTS TO BE PERCHASED UNDER DBT-STAR SCHEME
YEAR 2025-2026

SR.NO.	NAME OF INSTRUMENT
1	Diode Laser Source and Diffraction Grating
2	Stefan's Apparatus
3	Brewster's Law Apparatus
4	Diode Laser (Study of Characteristics of Solid state laser)
5	Hydrogen Source Spectrometer (Rydberges Constant Apparatus)
6	e/m by Thomson's Apparatus
7	I-H Curve by Magnetometer Apparatus
8	Four probe Apparatus
9	Newton's Ring Apparatus
10	Aurdino uno kits
11	Solar energy training module
12	Piezo electric crystal
13	Interfacing module for 8085
14	SMD PCB soldering oven set
15	Bending loss Apparatus
16	Precision amplifier ICE 2600
17	Pressure transducers

Departmental co-coordinator

MSP Mandal's
Shri Shivaji College, Parbhani
Department of Zoology & Fishery Science
List of Equipment's to be Purchase Under DBT Star College Scheme
(2nd Installment) 2025-26

Sr. No.	Name of Instruments	Instruments Specifications
1.	Fish feed dryer	Material- Stainless steel Out put-100kg/hrs Heating power-18 kw Mesh power-22kw Fan power-0.24kw No of layers-3
2.	Packing machine	Production capacity- 100-500 bags /hrs Bag weight -30 kg Material- Metal Automatic grade Voltage-230 v
3.	Deep freezer (Cold storage with blast)	Temp - Low- 30 to - 40 degree centigrade Material- Stainless steel Capacity-1000 L Single door Door type –Swing door Defrost type- Auto-defrost Voltage -440 360 Degree Cycle Air Cooling, Rapid Cooling and Freezing Process
4.	Weighing Machine	Digital Display Weighing Capacity: Up to 100kg. Platform Size: 12x12 Inches. Accuracy: 10g.
5.	Spectrophotometer	Wavelength range 190-1100 nm 7 inch crystal clear touch screen display Data can be easily stored and retrieve with USB interface Come with in Built Printer facility 4 place detachable cell rack Complementary Quartz Cuvette 1 case (2 No.)
6	Digital Thermometer	Mercury Free, instant final temperature set in 5 to 10 seconds
7	Air Blowing machine	

Head,
Department of Fishery Science

Head,
Department of Zoology

MSP Mandal'
SHRI SHIVAJI COLLEGE PARBHANI.
DEPARTMENT OF MICROBIOLOGY & BOTANY
LIST OF EQUIPMENTS TO BE PERCHASED UNDER DBT-STAR SCHEME
YEAR 2025-2026

Sr. No.	Name of therequested equipment
1.	Binocular Research Microscope
2.	Laboratory Refrigerator
3.	G1200Digital Microscope with 7-inch Screen
4	Digital Microscope
5	Soxhlet Apparatus SOX03-250
6	Digital UV Spectrophotometer
7	Canon digital SLR Camera
8	Fractional Distillation Apparatus

MSP Mandal'

SHRI SHIVAJI COLLEGE PARBHANI.

DEPARTMENT OF CHEMISTRY & ANALYTICAL CHEMISTRY LIST OF CHEMICALS TO BE PERCHASED UNDER DBT-STAR SCHEME

Sr. No.	Name of Item	Pack
1	Ammonium carbonate	500gm
2	Aluminium metal	100gm
3	Acetyl acetone	500ml
4	5-Sulphosalicylic acid	500gm
5	Acetic acid	2.5lit
6	Activated charcol	250gm
7	Ammonia liquor	5lit
8	Anthracene	500gm
9	Ascorbic acid	500gm
10	Benzene	500ml
11	B-naphthol	500gm
12	Bauxite ore	100gm
13	Brass metal	100gm
14	Chloroform	500ml
15	Copper metal	100gm
16	Copper nitrate	500gm
17	Dimethyl formamide	500ml
18	Dimethyl sulphoxide	500ml
19	Dolomite ore	100
20	Eriochrome Black T Indicator	100gm
21	Ethyl acetate	500ml
22	Ethyl acetoacetate	500ml
23	Ferrous ammonium sulphate	500gm
24	Ferrous sulphide	500gm
25	Formaldehyde	5lit
26	Hematite ore	100gm
27	Hydrichloric acid	5lit
28	Magnesium chloride	500gm
29	m-Nitroaniline	500gm
30	m-Nitrophenol	500gm
31	Nickel chloride	500gm
32	Nickel sulphate	500gm
33	o-Chlorobenzoic acid	500gm
34	o-Nitroaniline	500gm
35	p-Cresol	500gm
36	Phenol	500ml
37	Phthalic acid	500gm
38	Potassium bromide	500gm
39	Potassium hydroxide	500gm
40	Potassium iodide	250gm
41	Paraffin liquid	2.5lit
42	Pyridine	500ml

43	Pyrrulite ore	100gm
44	Salicylic acid	500gm
45	Silver nitrate	25gm
46	Sodium iodide	250gm
47	Sodium nitroprusside	100gm
48	Sulphuric acid	5lit
49	Thionyl chloride	500ml
50	Toluene	500ml
51	Zeolite exchange resin	250gm

MSP Mandal'
SHRI SHIVAJI COLLEGE PARBHANI.
DEPARTMENT OF CHEMISTRY & ANALYTICAL CHEMISTRY
LIST OF GLASSWARES TO BE PERCHASED UNDER DBT-STAR SCHEME

Sr. No.	Name of Item	Pack	Code
1	Beakers	250ml	1000D21
2	Beakers	500ml	1000D24
3	Beakers plastic	1000ml	
4	Burette Clamp fisher type (single)		
5	Burette plain	25ml	
6	China dish	80mm	
7	Chromatography paper		
8	Droper	6 inch	
9	Dropping bottle	125ml	1640017
10	Indicator bottle	50ml	
11	Kips apparatus glass	500ml	6550024
12	Litmus paper blue		
13	Litmus paper red		
14	Magnetic stirrer		
15	Measuring cylinder	10ml	3022006
16	Measuring cylinder	25ml	3022009
17	Mortar and Pestle glass (Borosil)	6inch	7210042
18	Ordinary filter paper rim 46x57 cm		
19	pH indicator paper		
20	Reagent bottle with glass stop cock and itching label	250ml	
21	Rubber cork		
22	Rubber tube silicon for condenser assembly	8x12mm	3369003
23	Semi micro test tube	12x75mm	9800U02
24	Separating funnel	500ml	6400024
25	Separating funnel	250ml	6400021
26	Stalagmometer	Borosil	
27	Stalagmometer clamp		
31	Stirrer bar	0.75inch	
32	Stop cock burette with glass stopcock	10ml	2124006
33	Stop cock burette with glass stopcock	50ml	2124012
34	Stop cock burette with glass stopcock	5ml	2124005
35	Test tube brush		
36	Test tube holder		
37	Test Tube with rim	(15x125mm)	9800U04
38	Viscometer	Borosil	3500
39	Volumetric Pipette	10ml	7102006
28	VolumetricFlask	1000ml	5641029

29	VolumetricFlask	500ml	5641024
30	VolumetricFlask	50ml	5641012
40	Whatman filter paper no 40		
41	Whatman filter paper no 41		
42	Whatman filter paper no 42		
43	Wire gauge		

M.S.P.Mandal's
Shri Shivaji College , Parbhani
Department of Zoology and Fishery Science
List of chemicals to be purchase under DBT Star College scheme
(2 nd Installment) 2025-2026

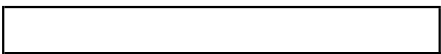
Sr. No.	Chemicals	Specifications
1	4-Aminoantipyrine	250 ml.
2	Acetocaramine	100 ml.
3	Acetocaramine stain liquid	100 ml.
4	Acetone	500 ml.
5	Agar Nutrient	250 gm.
6	Albumin Egg Liquid	125 ml.
7	Albumin Egg Powdered	25 gm.
8	Ammonia Buffer Solution	500 ml.
9	Ammonium Acetate	501 ml.
10	Ammonium Fluoride	502 ml.
11	Ammonium Hydroxide	500 ml.
12	Ammonium Molybdate	500 gm.
13	Ammonium Persulphate	500 gm.
14	Ammonium Sulphate	500 gm.
15	Anthrone Reagent	125 ml.
16	Balsam Canada	100 ml.
17	Barfoed Reagent	250 ml.
18	Bary's extracting Solution	251 ml.
19	Benedict's reagent	500 ml.
20	Benzene	500 ml.
21	Biuret Reagent	125 ml.
22	Borax carmine	100 gm.Dye
23	Borax carmine stain liquid	100ml
24	Bovine serum albumin	100ml
25	Brays extracting solution	100ml
26	Bromine Water	100 ml.
27	Bromophenol Blue	5 gm.
28	Calcium Chloride	500 gm.
29	Calcium Sulphate	501 gm.
30	Chloroform	500 ml.
31	Congo Red	5 gm.
32	Congo Red solution	125 ml
33	Copper Sulphate pentahydrate	500 gm.
34	Crystal Violet	100 ml.
35	Diphenyl Amine	100 gm.
36	Distilled Water	5000 ml.
37	DPX	250 ml.
38	EDTA	500 gm.
39	Eiosin stain liquid	100ml
40	Eosin	Dye
41	Eriochrome Black T	25 gm.
42	Ethanol	5000 ml.
43	Ether	500 ml.
44	Fehling solution A	500 ml.

45	Fehling solution B	500 ml.
46	Folin's Phenol reagent	500 ml.
47	Formaline	5000 ml.
48	Fructose Powder	500 gm.
49	Glacial Acetic Acid	2.5 lit.
50	Glucose Oxidase (GOD)	250 gm.
51	Glucose Powder	500 gm.
52	Glycerol	500 ml.
53	Gram's Iodine	100 gm.
54	Haematoxyline	100 ml.
55	Hayem's Diluting Fluid RBC	500 ml.
56	Hayem's Diluting Fluid WBC	500 ml.
57	Hydrochloric Acid (conc)	500 ml.
58	Hydrogen Peroxide	500 ml.
59	Iodine	100 gm.
60	Isopropyl Alcohol	500 ml.
61	Lead Acetate	500 gm.
62	Lead Acetate Paper	10 bks.
63	Leishman's stain	100 ml.
64	Liquid Parafin	500 ml.
65	Litmus Paper Blue	10 BKS
66	Litmus Paper Red	10 BKS
67	Lugol's iodine solution	250 ml.
68	Magnesium Chloride	500 gm.
69	Malachite green	200 gm
70	Manganous Sulphate	500 gm.
71	Mangnous chloride	500 gm.
72	Mercuric chloride	100 gm.
73	Mercuric Sulphate	100 gm.
74	Methylene Blue	100 ml.
75	Million's Reagent	125 ml.
76	Molisch Reagent	125 ml.
77	Murexide	25 gm.
78	Nessler's reagent	100 ml.
79	Ninhydrine	10 gm.
80	Nitric Acid (Conc.)	500 ml.
81	Nutrient Broth	500 gm.
82	Parafin wax	500 gm.
83	Peptone	250 ml.
84	Perchloric Acid	500 ml.
85	Peroxidase (POD)	250 gm.
86	PH Paper	10 bks.
87	PH Tablets 5,6,7,8,9,10	10 bks each
88	Phenolphthalein	100 gm.
89	Phosphate Buffer adjust PH	250 ml.
90	Phosphoric Acid	500 gm.
91	Phosphate free activated charcoal	500 gm.
92	Picric Acid	100 gm.
93	Potato Dextrose Agar	500 gm.
94	Pottasium Chloride	500 gm.

95	Pottasium Chromate	500 gm.
96	Pottasium Dichromate	500 gm.
97	Pottasium Antimonyl Tartarate	500 gm.
98	Pottasium Hydroxide	500 gm.
99	Pottasium Iodide	100 gm.
100	Pottasium Sodium Taratarte	500 gm
101	Pyridine	100 ml.
102	Sabouraud Dextrose Agar	500 gm
103	Safranine	125 ml.
104	Silver Nitrate	25gm.
105	Sodium Azide	100 gm.
106	Sodium Bicarbonate	500 gm.
107	Sodium carbonate	500 gm.
108	Sodium Chloride	500 gm.
109	Sodium Citrate	500 gm.
110	Sodium Hydroxide	500 gm.
111	Sodium Molybdate	100 gm.
112	Sodium Nitrate	500 gm.
113	Sodium Nitrite	500 gm.
114	Sodium Nitroprusside	500 gm.
115	Sodium Succinate	500 gm.
116	Sodium Thiosulphate	500 gm.
117	Sodium Tungstate	100 gm.
118	Starch Powder	500 gm.
119	Standard Phosphate Solution	500 ml.
120	Sucrose Powder	501 gm.
121	Sudan III	25 gm
122	Suphuric Acid (conc.)	500 ml.
123	Toshir's indicator	100 ml.
124	Toulene	500 ml.
125	Trichloroacetic Acid	500 ml.
126	Universal Indicator paper	10 bks
127	Urease Powder jack bean	100 gm
128	WBC Diluting Fluid	500 ml.
129	Winkler A Solution	250 ml.
130	Winkler B Solution	250 ml.
131	Winkler C Solution	250 ml.
132	Wright Stain	250 ml.
133	Xylene	500 ml.

Head
Departmer nt of Fishery Science

Head
Department of Zoology



M.S.P.Mandal's
Shri Shivaji College , Parbhani
Department of Zoology and Fishery Science
List of Glasswares to be purchased under DBT Star College scheme
(2 nd Installment) 2025-2026

Sr.No.	Glassware	Specifications
1	Aluminium Foil	Roll
2	Amber Coloured Bottles	500 ml.
3	Beakers Glass	50 ml.
4	Beakers Glass	100 ml
5	Beakers Glass	250 ml.
6	Beakers Glass	500 ml.
7	BOD Bottle	250 ml.
8	Burette Stopcock	50 ml.
9	Cavity slides	50 pcs.pkt
10	Centrifuge Tube	15 ml.
11	Centrifuge Tube	30 ml.
12	Clamps Burette Steel	small
13	Colorimetric Tubes	24
14	Conways diffusion glass	unit
15	Conical Flask	150 ml.
16	Conical Flask	250 ml.
17	Cover slip	Circular
18	Cover slip	Square
19	Cover slip	Rectangular
20	Dissection Box	Complete
21	Dropper Glass	Regular size
22	Dropper Plastic	Regular size
23	Dropping Bottles	125 ml.
24	Funnel	3 mm.
25	Glass Distillation Unit	5000 ml.
26	Glass Rod	1 Feet
27	Glass stoppered bottles	250 ml.
28	Icosa Disc	10
29	Measuring cylinder Glass	5 ml.
30	Measuring cylinder Glass	10 ml.
31	Measuring cylinder Glass	50 ml.
32	Measuring cylinder Glass	100 ml.
33	Measuring cylinder Plastic	5 ml.
34	Measuring cylinder Plastic	10 ml.
35	Measuring cylinder Plastic	50 ml.
36	Measuring cylinder Plastic	100 ml.
37	Morter Pastel Glass	2 ngs
38	Petri Dish Pair	Small
39	Petri Dish Pair	Medium
40	Petri Dish Pair	Large
41	Pinch Clip Burette	Regular size
42	Pipettes	2 ml.
43	Pipettes	5 ml.

44	Pipettes	10 ml.
45	Pipettes Micro	5 ml.
46	Pipettes Micro	10 ml.
47	Plastic Cuvette for colorimetric use	Regular size
48	Porcelain Plate	Regular size
49	Glass Cuvette for colorimetric use	Regular size
50	Reagent Bottles Glass	100 ml
51	Reagent Bottles Glass	250 ml.
52	Reagent Bottles Glass	500 ml
53	Reagent Bottles Glass	1000 ml.
54	Reagent Bottles Plastic	100 ml
55	Reagent Bottles Plastic	250 ml.
56	Reagent Bottles Plastic	500 ml
57	Reagent Bottles Plastic	1000 ml.
58	Sampling Bottles	500 ml.
59	Separating Funnel	250 ml.
60	Spatula	Regular size
61	Glass plain Slide box	50 pcs.pkt
62	Soxhelt Extraction	Regular size
63	Speciman Jar	12.6 (H) x 4 (Dia
64	Speciman Jar	12.6(H) x 4.7
65	Speciman Jar	16(H) x 5 (Dia)
66	Spirit Lamp Glass	100 ml.
67	Spirit Lamp Steel	100 ml
68	Staining bottle Racks	Wooden
69	Staining bottle Racks	Plastic
70	Test tube Holders	case lot
71	Test tube stands	case lot
72	Test tubes - Glass	13 ml.
73	Test tubes - Glass	50 ml.
74	Titration Stand	50 ml.
75	Tripod Stand	12
76	Volumetric Flask	500 ml
77	Volumetric Flask	250 ml.
78	Volumetric Flask	100 ml.
79	Watch Glass	80 mm
80	Watch Glass	small
81	Whatman Filter Paper	40
82	Whatman Filter Paper	41
83	Whatman Filter Paper	42
84	Wire Guage	Regular size

Head
Department of Fishery Science

Head
Department of Zoology

MSP Mandal'
SHRI SHIVAJI COLLEGE PARBHANI.
DEPARTMENT OF MICROBIOLOGY & BOTANY
LIST OF CHEMICALS AND GLASSWARES TO BE PERCHASED UNDER DBT-
STAR SCHEME
YEAR 2025-2026

Sr. No.	Name of Chemicals	Remark/ Make
1.	<i>Acetone (500ml)</i>	Qualigen/Merck/Hi media
2.	Acetic acid (Glacial) (500ml)	Qualigen/Merck/Hi media
3.	Ammonium sulphate (500gm)	Qualigen/Merck/Hi media
4.	Ammonia solution	Qualigen/Merck/Hi media
5.	Ammonium molybdate (100gm)	Qualigen/Merck/Hi media
6.	Antimony tartarate (100gm)	Qualigen/Merck/Hi media
7.	Ammonium metavanadate (100gm)	Qualigen/Merck/Hi media
8.	<i>Ammonium oxalate (100gm)</i>	Qualigen/Merck/Hi media
9.	Ammonium nitrate (100gm)	Qualigen/Merck/Hi media
10.	Ascorbic acid (250 gm)	Qualigen/Merck/Hi media
11.	L-Asparagine (250gm)	Qualigen/Merck/Hi media
12.	Beef Extract (Bacteriological) (100gm)	Qualigen/Merck/Hi media
13.	Buffer tablet 4/7/9 Ph	Qualigen/Merck/Hi media
14.	Barium Chloride (250 gm)	Qualigen/Merck/Hi media
15.	Bovine serum albumin (50gm)	Qualigen/Merck/Hi media
16.	Benzedene powder (250gm)	Qualigen/Merck/Hi media
17.	Copper Sulphate(500gm)	Qualigen/Merck/Hi media
18.	Calcium Carbonate [CaCO ₃] (500gm)	Qualigen/Merck/Hi media
19.	Calcium chloride(500gm)	Qualigen/Merck/Hi media
20.	Calcium Phosphate (Tribasic) (500gm)	Qualigen/Merck/Hi media
21.	Calcium nitrate(500 gm)	Qualigen/Merck/Hi media
22.	<i>Chloroform (500ml)</i>	Qualigen/Merck/Hi media
23.	Citric acid(500 gm)	Qualigen/Merck/Hi media
24.	<i>Ethanol (500ml)</i>	Qualigen/Merck/Hi media
25.	D-Fructose (Extra Pure) (100gm)	Qualigen/Merck/Hi media
26.	Ferric Chloride(500gm)	Qualigen/Merck/Hi media
27.	Ferric Sulphate(500gm)	Qualigen/Merck/Hi media
28.	Formaldehyde (500 ml)	Qualigen/Merck/Hi media
29.	Ferrous ammonium sulfate (250 gm)	Qualigen/Merck/Hi media
30.	Gelatin Purified(500gm)	Qualigen/Merck/Hi media
31.	Glycerol(500ml)	Qualigen/Merck/Hi media
32.	<i>Glucose (500gm)</i>	Qualigen/Merck/Hi media
33.	<i>Hydrochloric acid(500ml)</i>	Qualigen/Merck/Hi media
34.	<i>Isoamyl alcohol (500ml)</i>	Qualigen/Merck/Hi media
35.	Iodine crystals(500gm)	Qualigen/Merck/Hi media
36.	Lactic Acid(500gm)	Qualigen/Merck/Hi media
37.	<i>Lead Acetate (250gm)</i>	Qualigen/Merck/Hi media
38.	L- Lysine (100gm)	Qualigen/Merck/Hi media
39.	<i>Methanol (500ml)</i>	Qualigen/Merck/Hi media

40.	Magnesium Sulphate (MgSo4) (500gm)	Qualigen/Merck/Hi media
41.	Maltose(500gm)	Qualigen/Merck/Hi media
42.	Manganous Sulphate (MnSo4) (500gm)	Qualigen/Merck/Hi media
43.	Mercuric Chloride A.R.	Qualigen/Merck/Hi media
44.	Mannitol (500 gm)	Qualigen/Merck/Hi media
45.	Meat extract (250gm)	Qualigen/Merck/Hi media
46.	Nitric acid (500ml)	Qualigen/Merck/Hi media
47.	Phenol(500ml)	Qualigen/Merck/Hi media
48.	Potassium Chloride (KCL) (500gm)	Qualigen/Merck/Hi media
49.	<i>DiPotassium Hydrogen Phosphate Anhydrous (500gm)</i>	Qualigen/Merck/Hi media
50.	Potassium hydroxide(500gm)	Qualigen/Merck/Hi media
51.	Potassium nitrate(500gm)	Qualigen/Merck/Hi media
52.	<i>Potassium Iodide(500gm)</i>	Qualigen/Merck/Hi media
53.	<i>Potassium Permangnate(250gm)</i>	Qualigen/Merck/Hi media
54.	Potassium Dichromate (500 gm)	Qualigen/Merck/Hi media
55.	Peptone A (500gm)	Qualigen/Merck/Hi media
56.	Potassium dihydrogen Phosphate(500gm)	Qualigen/Mreck/Hi media
57.	<i>Petroleum ether (500ml)</i>	
58.	<i>P-dimethyl aminobenzaldehyde (500ml)</i>	
59.	Di-Sodium hydrogen orthophosphate (500gm)	Qualigen/Merck/Hi media
60.	Silica Gel G (500gm)	Qualigen/Merck/Hi media
61.	Sodium Phosphate Monobasic LR (500gm)	Qualigen/Merck/Hi media
62.	Sodium Azide (100gm)	Qualigen/Merck/Hi media
63.	Sodium Ammonium Phosphate(500gm)	Qualigen/Merck/Hi media
64.	Sodium Carbonate [Na2CO3] (500gm)	Qualigen/Merck/Hi media
65.	Sodium bicarbonate (500gm)	Qualigen/Merck/Hi media
66.	Sodium Dihydrogen Orthophosphate (500gm)	Qualigen/Merck/Hi media
67.	Sodium Hydroxide Pellets [NaOH] (500 gm)	Qualigen/Merck/Hi media
68.	Sodium potassium Tartarate (500gm)	Qualigen/Merck/Hi meida
69.	Sodium Permangnate (500gm)	
70.	Sodium Hypochlorite(500ml)	Qualigen/Merck/Hi media
71.	Sodium Molybdate [Na2Moo42H2O] (250 gm)	Qualigen/Merck/Hi media
72.	Sodium Nitrate (500gm)	Qualigen/Merck/Hi media
73.	Sodium Nitrite (500gm)	Qualigen/Merck/Hi media
74.	Sodium Succinate (500gm)	Qualigen/Merck/Hi media
75.	Sodium SulphateAnhydrouse (500gm)	Qualigen/Merck/Hi media
76.	Sodium Thiosulphate (500gm)	Qualigen/Merck/Hi media
77.	Sodium arsenate (250gm)	Qualigen/Merck/Hi media

78.	Sodium nitroprusside (250 gm)	Qualigen/Merck/Hi media
79.	Sulfur powder (250gm)	Qualigen/Merck/Hi media
80.	Starch (Soluble) (500gm)	Qualigen/Merck/Hi media
81.	Trichloro acetic acid (500ml)	Qualigen/Merck/Hi media
82.	Stannous Chloride anhydrous (250gm)	Qualigen/Merck/Hi media
83.	Tri Sodium Citrate (500gm)	Qualigen/Merck/Hi media
84.	Tris Buffer (250ml)	Qualigen/Merck/Hi media
85.	Sucrose (500gm)	Qualigen/Merck/Hi media
86.	Stannous chloride (500gm)	Qualigen/Merck/Hi media
87.	Sulphuric Acid(500ml)	Qualigen/Merck/Hi media
88.	Tannic acid (500ml)	Qualigen/Merck/Hi media
89.	Tryptone (Bacteriological) (500gm)	Qualigen/Merck/Hi media
90.	Triton –X-100 (250gm)	Qualigen/Merck/Hi media
91.	Tris Hydrochloride(250ml)	Qualigen/Merck/Hi media
92.	Tributyrin (500gm)	Qualigen/Merck/Hi media
93.	Urea (500gm)	Qualigen/Merck/Hi media
94.	Yeast extract powder (500gm)	Qualigen/Merck/Hi media
95.	Zinc Chloride Drypurified [ZnCl ₂] 500gm	Qualigen/Merck/Hi media
96.	Zinc sulphate (500gm)	Qualigen/Merck/Hi media

List of Media

SR. No.	Name of Media	Code	Quantity	Make
1.	Agar- Agar (500gm)		02	Himedia
2.	Bismuth Sulphite agar(250gm)	M027	01	Himedia
3.	Bennet's agar (250gm)			Himedia
4.	EMB Agar(250gm)	M317	01	Himedia
5.	Endo Ager(250gm)	M029	01	Himedia
6.	Muller- Hinton Broth (250gm)	M399	01	Himedia
7.	Potato Dextrose Agar (500gm)			Himedia
8.	Potato Dextrose broth (250gm)	GM403	01	Himedia
9.	Pikovaskaya's broth Medium (250 gm)	GM1719	02	Himedia
10	SS Agar (250gm)	M1959	02	Himedia
11	Triple Sugar iron agar (250gm)	M021	01	Himedia
12	Tryptone broth (500gm)	M463	01	Himedia
13	Trypticase soya broth (250 gm)	M1968	01	Himedia
14	Pseudomonas isolation broth (250gm)	M119	01	Himedia
15	Cetrimide broth (250gm)	M862	01	Himedia
16	MacConkeys broth (250gm)	MH083	02	Himedia
17	Nutrient broth (500gm)	M002	02	Himedia
18	Wilson and Blair medium (250 gm)			Himedia
19	Tryptone water (250gm)			Himedia
20	Peptone water (500gm)	M0285	02	Himedia
21	Sabourauds Agar (250gm)			Himedia
22	Blood agar (250gm)			Himedia

List of Reagent/ Stain

Sr.No.	Stains	Make
1.	Biuret Reagent 125 ml	Himedia
2.	Basic Fuschin 100ml	Himedia
3.	Benedict's Reagent 100ml	Himedia
4.	Brilliant Green 25gm	Himedia
5.	Bromo cresol purple 25gm	Himedia
6.	Bromothymol blue 25gm	Himedia
7.	TetraBromophenol blue 25gm	Himedia
8.	Crystal Violet 25gm	Himedia
9.	Folin &Ciocateus Phenol Reagent	Qualigen/Merck/Hi media
10.	Giemsas stain 25gm	Himedia
11.	Kovacs reagent 100ml	Himedia
12.	Leishman's stain 25gm	Qualigen/Merck/Hi media
13.	Lactophenol cotton blue 100ml	Himedia
14.	Malachite Green 25gm	Himedia
15.	Mercuric iodide 100gm	Himedia
16.	Methylene blue 25gm	Himedia
17.	Neutral Red Solution 100ml	Himedia
18.	Ninhydrin reagent 25gm	Himedia
19.	Phenolphthalein 100ml	Qualigen/Merck/Hi media

22.	Sudan Black – B 25gm	Himedia	
23.	Saffranin 25gm	Himedia	
24.	Orcinol	Himedia	
25.	Nigrosine	Himedia	
26.	Leishman's stain 25gm	Himedia	
27.	DNA powder	Himedia	
28.	Carbol fuchsin	Himedia	
29.	Zeinl Nelson carbol fuchsin	Himedia	
30.	Bismark brown	Himedia	
31.	Toulidine blue	Himedia	
32.	Canada balsam	Himedia	
33.	Chlorozol Black E	Himedia	
34.	Choral hydrate	Himedia	
35.	Congo red	Himedia	
36.	Phenol red	Himedia	
37.	Eosin Y	Himedia	
38.	<i>Millinsons reagent</i>	Himedia	
39.	<i>Fast Green</i>	Himedia	
40.	<i>3,5 Dinitrosalicylic acid</i>	Himedia	
41.	<i>Acetocarmine</i>	Himedia	
Teaching Kits			
Sr. No.	Teaching Kits	Pack Size	Make
1.	Transformation Teaching kit	5 PR	Himedia
2.	SDS-PAGE	10 PR	Himedia
3.	Agarose gel Electrophoresis	10 PR	Himedia
4.	Conjugation	5 PR	Himedia
5.	Restriction Digestion	10 PR	Himedia
6.	Restriction Fragment Length Polymorphism(RFLP)	5PR	Himedia
7.	Southern blotting	5 PR	Himedia
8.	Affinity gel chromatography	5PR	Himedia
9.	Radial Immunodiffusion	20 PR	Himedia
10.	Haemocytometer		
11.	Sahalis Haemometer		
12.	Widal Tube Test	10 PR	Himedia
13.	Neuber's Chamber	2 no.	Any std. Make
14.	pH electrode		
15.	ELISA		
16.	Antibiotic discs		

MSP Mandal'
SHRI SHIVAJI COLLEGE PARBHANI.
DEPARTMENT OF MICROBIOLOGY & BOTANY
LIST OF CHEMICALS AND GLASSWARES TO BE PERCHASED UNDER DBT-
STAR SCHEME
YEAR 2025-2026

SR.No.	Name of Glass wear	Pack Size	Make
1.	Pipette	10ml	Borosil
2.	Pipette	1ml	Borosil
3.	Pipette	0.1 ml	Borosil
4.	Pipette rubber bulb	20	Any std. make
5.	Glass rods	18'	Borosil
6.	Conical flask	500ml	Borosil
7.	Conical flask	150ml	Borosil
8.	Conical flask	250ml	Borosil
9.	Conical flask	100ml	Borosil
10.	Conical flask	50ml	Borosil
11.	Beaker	500ml	Borosil
12.	Beaker	250ml	Borosil
13.	Beaker	100ml	Borosil
14.	Conical flask	25ml	Borosil
15.	Plastic dropping bottle	100 ml	Borosil
16.	Plastic dropping bottle	30 ml	Borosil
17.	Reagent bottle dropping (glass)	30 ml	Borosil
18.	Cover slip	Regular	Borosil
19.	Cavity slide	Regular	Borosil
20.	Plain slides	Regular	Borosil
21.	Volumetric flask	100ml	Borosil
22.	Thermometer	10ml	Borosil
23.	Dialysis Membrane-60	5mt	Himedia
24.	Cuvette (Quartz)	3ml	Any std. make
25.	Whattmann filter paper No. 1	2 Box	Any std. make
26.	Chromatographic paper	1 Box	Any std. make
27.	Filter paper	1 Box	Any std. make
28.	Petri plates	150 Nag	Borosil
29.	Centrifuge Tube	1 Box	Any std. make
30.	Test tubes (regular size)	5 Box	Borosil
31.	Brush long size	2 daz	Any std. make
32.	Brush small size	2 daz	Any std. make
33.	Glass Slide	3 box	Borosil
34.	Watch glass (4 inch)		Borosil
35.	Petri dish		
36.	Cavity block(40mmX 40mm)		
37.	Wash bottle (250ml)		Borosil

38.	Burette with stop cock (50 & 100 ml)		Borosil
39.	Separating Funnel (100, 250,500 ml)		
40.	Mortar & pestle set		
41.	Glass rods		Borosil
42.	Spreader		
43.	Specific gravity bottle		
44.	Chromatography Column		
45.	Screw cap tubes		
46.	Volumetric Flask (50/100 ml)		
47.	BOD bottles (300 ml)		
48.	Nichrome wire loop		Himedia
49.	Saline tubes		
50.	Cork borer		
51.	Museum specimen jar (500/1000ml)		Borosil